

Hazardous Waste Site Dossier  
for  
Federal Facilities

Date: NOV 17 1980

Filed By: Lester L. Nagel  
Office: Office of Federal Activities

I. Facility Identification

Name: Ft. Monmouth-Main Area # 2-8  
Agency: Army  
Contact: Hugh Mc Menamin 201-532-1475/76  
Location: State Routes 35 & 71, Oceanport - Red Bank, New Jersey  
Site I.D.: Sites 2-8 per USATHMA Report No. 171, May 1980 (U.S.  
Army Toxic & Hazardous Materials Agency)  
Date of Inspection: July 21-25, 1980

II. Basis for Investigation

Implementation of the regional federal facility hazardous waste program.

III. Site Description and Status

The previous 7 sites, utilized by this facility, are identified in figure 11 of the referenced THMA report and are assigned numbers 2-8 (attachment-A). They vary in area from 1.3 to 8.5 acres and were activated for various periods extending from prior to 1942 through 1962 when the present active site (#1) was established. Each was the recipient of all types of domestic and industrial wastes. At various times construction and/or demolition debris was also included. Sites # 1 and 5 were also the depositories for junking of cars during their period of activity. Sewage treatment plant sludge was also deposited at all sites when active.

No records of the total quantities deposited were available. Final cover has been applied to all of these previous sites however their proximity to surface water sources poses a potential surface water contamination condition.

IV. Preliminary Hazard Evaluation

On the basis of the known types of wastes deposited in and at these various sites, the elapsed time since they were deposited and their proximity to surface water sources, a "B" (potentially hazardous) rating is assigned to each of the sites identified in this dossier.



## V. Current External Involvements/Hazards

There are presently no current external involvements known to the Army or the EPA with respect to ground and/or surface water contamination. No complaints have been received and from the range of former activities and the time that has elapsed without evidence of water contamination, it appears that an effective sub-surface filter condition has and does prevail at these sites at this time.

## VI. Remedial Actions Required or Planned

Our present evaluation of these sites are that remedial actions at present be limited to the establishment of a number of test wells at each site in order to determine present sub-surface water conditions.

Based upon this information when obtained the necessity for further control actions can be determined. The minimum future program should be the constant monitoring of the test well locations installed and the completion of a preliminary design program for a pre-treatment facility if found to be required either now or for future needs to control the disintegration of the various substances deposited in each site.

## VII. Inter Agency Coordination

Required                      X-plus monitoring by the OFA

Not Required

## ATTACHMENT-A

Ft. Monmouth Landfill AreasFig. 7

<u>Site #</u> <u>(Fig. 7)</u>	(Fig. 11) <u>Report No. 171, I.D.</u>	<u>Acres</u>	<u>Use Period</u>
1	8	8.5	Before 1942
2	2	4.5	1964-1968
3	3	4.0	1959-1964
4	7	2.5	1956
5	4	2.0	1952-1959
8	1	5.0	1962-Active
12	5	1.3	? (1942-52)
114	6	3.0	1965-1966

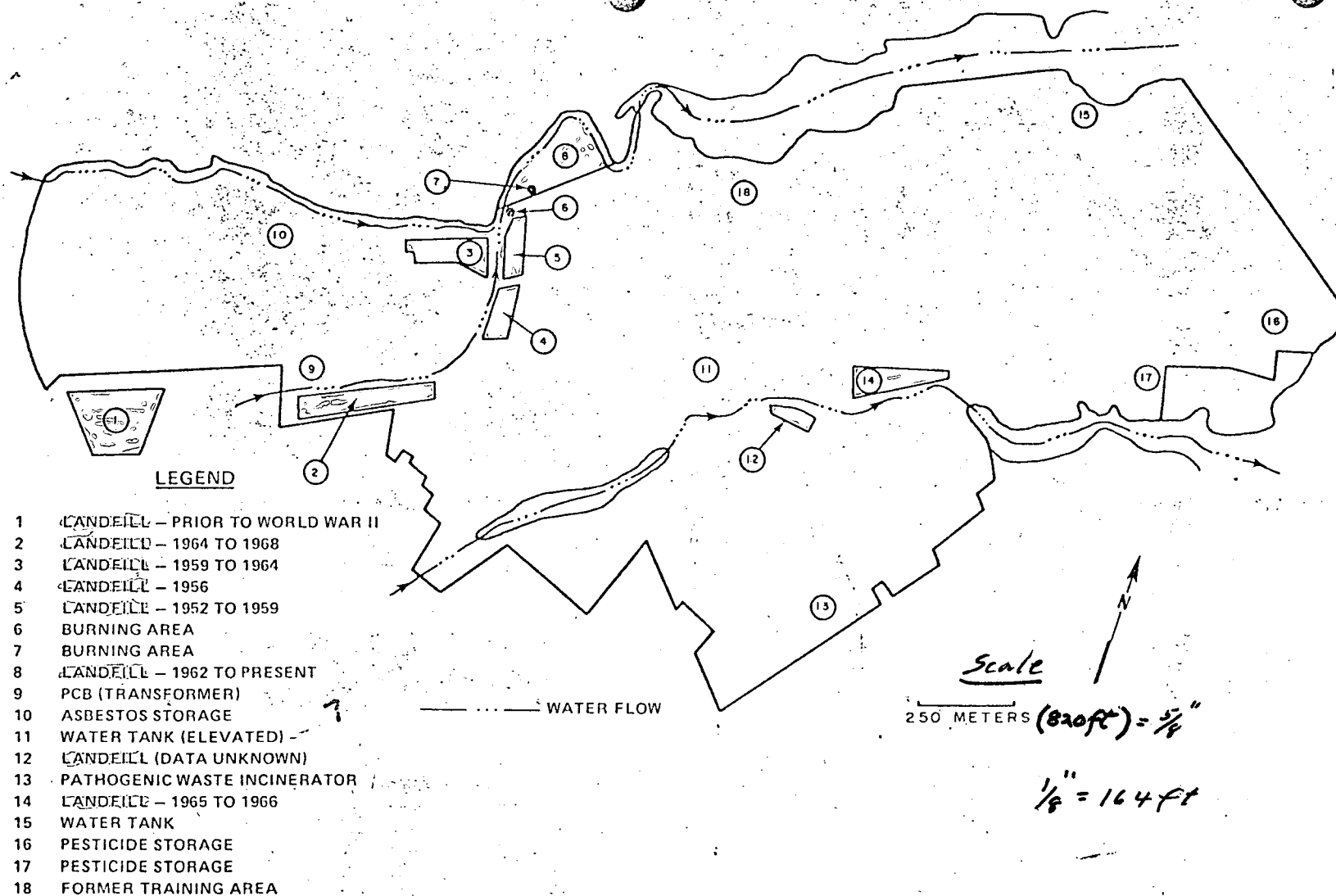


Figure 7. Locations of Known or Suspected Waste Materials, Fort Monmouth -  
Main Post

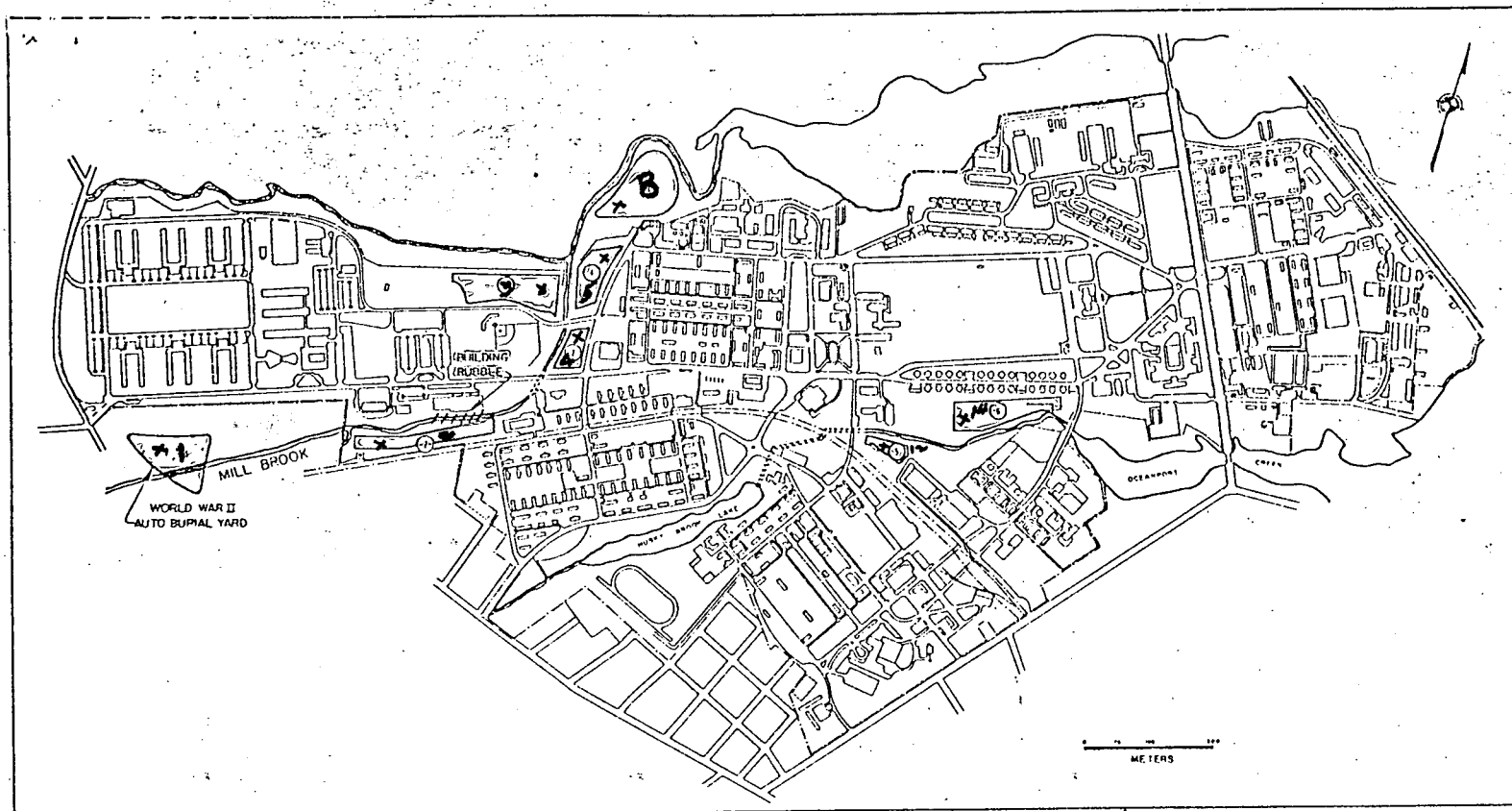


Figure 11. Landfills on Fort Monmouth